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Foreign AD

CAA Airworthiness Directive 001-01-2002

*04-NE-30
NPRM*

Applicability Rolls-Royce Tay 650-15 engines fitted to Fokker F100 aircraft.

Subject - Description Engine - HP turbine/HP compressor shaft spline flank wear inspection

Compliance - Requirement (Summary) Compliance is required with Rolls-Royce Service Bulletin TAY-72-1485 at the thresholds stated in the bulletin. The Service Bulletin requires a borescope inspection to detect relative movement between the HP compressor and an immobilised HP turbine, which is directly related to the amount of spline flank wear on the shafts. This action is required as a number of occurrences of HP compressor/HP turbine shaft spline flank wear have been seen during engine shop visits. The wear affects the HP compressor shaft to a greater extent than the HP turbine shaft and has been seen on both pre and SB 72-1327 (hard coated abutment face) standard of turbine shaft.
